Datasheet for ABIN1669421

Deoxyhypusine Synthase Protein (DYS) (AA 1-335) (His tag)

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Overview

Quantity:	1 mg
Target:	Deoxyhypusine Synthase (DYS)
Protein Characteristics:	AA 1-335
Origin:	Methanococcus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Deoxyhypusine Synthase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSDPKNVIFK ESECLEGIFI EGPDFDKDID LKAVLTDYYE KIGFQATHLG KAVKIWKKIE KLKKEEEMVV FLGYTSNMVS SGLRELISYL VRHKKVDVLV TTAGGIEEDF IKCIKPFVLG DWNLNGAILR EKGINRIGNV FVPNDRYIEF ETYMTRFFDI LSKKQNSENK ILSASEFCFE LGKFMDENLG NEKEKSIVYH AYKNKIPIFC PAITDGSIGD MLYFYKKNEK DGNLLIDVAN DIVKLNDMAI DANKTACIVL GGSLPKHSII NANLFREGTD YAIYITTAIP WDGSLSGAPP EEGVSWGKIQ EKADFVEIWA DATIVFPMLV YGVFK
Specificity:	Methanococcus vannielii (strain SB / ATCC 35089 / DSM 1224)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Deoxyhypusine Synthase (DYS)
Alternative Name:	Probable Deoxyhypusine Synthase (Dys) (DYS Products)
Background:	Recommended name: Probable deoxyhypusine synthase. Short name= DHS. EC= 2.5.1.46
UniProt:	A6URC0

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.